Amendments to the Specification:

To the Title:

Please amend the Title as follows:

"Method ~~and Apparatus~~ for Determining Signal Path"

To the Specification:

Please replace paragraph [0035] with the following amended paragraph:

[0035] The configuration ROM may contain a list of formats associated with the "Reception," "Transmission," and "Conversion" of particular signals. Such capability information may be stored using a descriptor based upon the IEEE1394 Standard p1212r (1995) 64-bit fixed addressing for example. A descriptor is a leaf (a contiguous information field pointed to by a configuration ROM directory entry) that provides additional information to describe an object associated with a directory entry in configuration ROM.

Please replace paragraph [0048] with the following amended paragraph:

[0048] In Figure 9, the column "Situation" shows a format of the signal transmitted from the DVHS 15 (node #2). The column "Action by User" indicates the action that a user of the system is taking. The column "Signal flow" indicates a signal flow from the DVHS 15 (node #2) to the DTV 11 (node #0) and the channel through which the signal is being transmitted. Based on the IEEE1394 Standard, the IEEE1394 interface cable 14 provides up to 63 isochronous digital communication channels, some of which are denoted by "CH63," "CH X" and "CH Y" in Figure 9. The analog Video/Audio cable 16 provides a communication channel for an analog signal. For the case of a digital signal, the channel is assigned dynamically. For the case of an analog signal, unlike the digital signal, once it is connected, there is no dynamic assignment.

Please replace paragraph [0058] with the following amended paragraph:

[0058] In the present embodiment, each of the devices in the network has memory provided in configuration ROM (Read Only Memory). One skilled in the art, however, will note that other memory devices may also be used instead of, or together with, a configuration ROM. In addition to configuration ROM, the DTV 11 (node) #0) has a modified controller as illustrated in figure ~~3B~~4B. The controller 307 now includes a command generator 452. Once the signal is received, a command is issued on the IEEE1394 interface 14 when a format of the transmitted signal changes. As a result of the issued command, switching to a second input terminal of the receiver from the first input terminal to receive the transmitted signal is now handled automatically by a switch controller.

To the Abstract:

Please replace the Abstract with the Abstract that appears on the following page: